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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/905,630	07/13/2001	Vadim Antonov	005642.P001	3706

7590 05/10/2004

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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Los Angeles, CA 90025-1026

EXAMINER

DAS, CHAMELI

ART UNIT	PAPER NUMBER
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2122

DATE MAILED: 05/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/905,630	Applicant(s) ANTONOV ET AL.	
	Examiner C.DAS	Art Unit 2122	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

1. Claims 1-42 are pending.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-25 are rejected under 35 U.S.C. 102(a) as being anticipated by Mattaway et al, (Mattaway), US 6,226,678.

As per claim 1, Mattaway discloses:

(a) providing a connection between a first process and a second process
(Mattaway, abstract, col 4, lines 38-40)

(b) dynamically matching the first process and the second process (Mattaway, abstract, col 15, lines 10-15)

(c) using a library to dynamically match the first process and the second process
(Mattaway, col 15, lines 10-11, col 15, lines 50-54)

(d) utilizing a flow control provided by a unit (Mattaway, col 15, lines 50-60, col 6, lines 31-40).

As per claim 2, Mattaway discloses:

- first process provides a push of information to or a pull of information from the second process (column 9, lines 41-57).

As per claims 3, 17, Mattaway discloses:

- first process is a client process (Mattaway, Abstract, col 3, lines 15-20).

As per claims 4, 18, Mattaway discloses:

- second process is a server process (Mattaway, Abstract, col 3, lines 15-20).

As per claims 5, 19, (Mattaway, column 15, lines 5-15, col 15, lines 29-38),

where the dynamic object library is considered as Exigen object library as claimed.

As per claim 6, Mattaway discloses:

- wherein unit is a transport layer (Mattaway, col 6, lines 31-40).

As per claim 7, Mattaway discloses:

- transport layer supports a plurality of point-to-point ... process (Mattaway, Abstract, col 6, lines 55-65).

As per claim 8, Mattaway discloses:

- the flow control occurs at a flow origin (Mattaway, col 15, lines 30-42, col 9, lines 41-52).

For claim 9, (Mattaway, col 12, lines 20-32).

For claim 10, (Mattaway, col 19, lines 34-40), where transmission of <INFO ABORT> packet prevents transmission of any information packet.

For claim 11, (Mattaway, abstract).

For claim 12, (Mattaway, abstract, col 11, lines 10-14).

For claim 13, (Mattaway, col 11, lines 10-35).

For claim 14, (Mattaway, abstract, col 11, lines 10-35).

For claim 15, (Mattaway, abstract, col 11, lines 10-14).

As per claim 16, Mattaway discloses a secure connection between the first process and the second process (Abstract, col 26, lines 27-30), for the rest of the limitations, see the rejection of claim 1 above.

For claims 19, and 30 see the rejection of claim 5 above.

For claim 20, (Mattaway, abstract, col 3, lines 3-24).

For claim 21, (Mattaway, col 21, lines 50-65).

For claim 22, (Mattaway, col 21, lines 50-65, col 3, lines 3-24).

For claim 23, (column 9, lines 41-57, col 27, lines 58-67, col 28, lines 1-27).

For claim 24, (Abstract, col 3 lines 1-25).

For claim 25, (column 9, lines 41-57, col 27, lines 58-67, col 28, lines 1-27).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 26-42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mattaway, US 6,226,678 and further in view of "Microsoft Computer Dictionary", Fifth Edition, published on 2000.

As per claim 26, Mattaway discloses:

(a) providing a connection between a first process and a second process
(Mattaway, abstract, col 4, lines 38-40)

(b) dynamically matching the first process and the second process (Matttaway, abstract, col 15, lines 10-15)

© using a library to dynamically match the first process and the second process (Matttaway, col 15, lines 10-11, col 15, lines 50-54).

Mattaway does not specifically disclose asynchronous connection. However, computer dictionary discloses the asynchronous connection (Dictionary, page 30). The modification would be obvious because one of the ordinary skill in the art would be motivated to communicate the process which is not dependent on timing so the communication can start and stop at any time instead of having to match the timing governed by a clock.

As per claim 27, Mattaway discloses:

- first process provides a push of information to or a pull of information from the second process (column 9, lines 41-57).

For claims 28-29, see the rejections of claims 3 and 4.

For claim 30, (Mattaway, column 15, lines 5-15, col 15, lines 29-38), where the dynamic object library is considered as Exigen object library as claimed.

For claim 31 (Mattaway, col 25, lines 20-40, col 27, lines 60-65).

As per claim 32, Mattaway discloses:

- providing a connection between a first process and a second process (Matttaway, abstract, col 4, lines 38-40)
- providing a secure connection between the first process and the second process (Matttaway, Abstract, col 26, lines 27-30).

Mattaway does not specifically disclose asynchronous connection. However, computer dictionary discloses the asynchronous connection. The modification would be obvious because one of the ordinary skill in the art would be motivated to communicate the process which is not dependent on timing so the communication can start and stop at any time instead of having to match the timing governed by a clock.

For claims 33-35, see the rejections of claims 27-29 respectively.

For claim 36, see the rejections of claim 31.

For claims 37- 42, see the rejections of claims 20-25 respectively.

4. The prior art made or record and not relied upon is considered pertinent to applicant's disclosure.

TITLE: Reversible load-time dynamic linking, US 6499137 B1

TITLE: Software package management, US 6381742 B2

TITLE: Method and apparatus for interactively connecting distributed objects to a graphic user interface, US 6374308 B1

TITLE: Protocol for exchanging configuration data in a computer network, US 6119157

TITLE: Client-server system for maintaining application preferences in a hierarchical data structure according to user and user group or terminal and terminal group contexts, US 6105063 A.

TITLE: Object-oriented distributed communications directory system, US 6360266 B1

TITLE: Extracting Library-Based Object-Oriented Applications, author: Sweeney et al, ACM, 2000.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chameli Das whose telephone number is 703-305-1339.

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to 3:30 P.M. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Tuan Dam can be reached at 703-305-4552. The fax number for this group is (703) 872-9306.

An inquiry of general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is 703-305-9600.

Chameli C. Das
CHAMELI C. DAS
PRIMARY EXAMINER

Art Unit 2122

5/5/04